



USDA – National
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Field Office

Weekly Weather and Crop Bulletin



Cooperating with
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of Agriculture

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Week Ending August 27, 2006

RECENT RAINS KEEP CROPS IN GOOD CONDITION

Rainfall across the State the past few weeks has helped keep row crops stay in mostly good condition, along with reviving pastures. Condition of corn, cotton, soybean, and tobacco crops all improved from the week earlier. Some problem dry areas still remain, especially in East Tennessee, where crop and pasture conditions range from only very poor to fair. With over half of the State’s corn crop mature, farmers made good progress with harvest. Virtually all of the soybeans are setting pods with a little less than twenty percent dropping leaves. Development of the cotton crop progressed slowly last week with bolls opening slightly behind normal, while condition was rated as mostly good. Tobacco producers neared completion of topping the crop with harvest progress ahead of last year. Insect pressure continued to be light to moderate in most row crops, although a few pastures and hay fields have seen an infestation of army worms. Two-thirds of the State’s cattle herds were rated in good-to-excellent condition. Hay supplies were reported last week as 11 percent very short, 26 percent short, 59 percent adequate, and 4 percent surplus. Producers also took advantage of last week’s 6 days suitable for fieldwork to harvest hay and apply pesticides.

As of Friday, topsoil moisture levels were rated 19 percent very short, 35 percent short, and 46 percent adequate. Subsoil moisture levels were rated 23 percent very short, 34 percent short, and 43 percent adequate. Temperatures averaged slightly above normal across the State last week, while precipitation was above normal across western portions of the State and below average elsewhere.

| CROP PROGRESS: Through August 27, 2006 | | | | | CONDITION: On August 25, 2006 | | | | | |
|--|-----------|-----------|------|----------------|-------------------------------|-----------|------|------|------|------------|
| Crop | This Week | Last Week | 2005 | Five Year Avg. | Item | Very Poor | Poor | Fair | Good | Excel-Lent |
| Percent | | | | | Percent | | | | | |
| Corn Dented | 97 | 93 | 96 | 97 | Cattle | 4 | 7 | 27 | 53 | 9 |
| Corn Mature | 53 | 32 | 41 | 50 | Corn | 5 | 10 | 23 | 45 | 17 |
| Corn Harvested for Grain | 9 | 2 | 2 | 6 | Cotton | 1 | 4 | 20 | 59 | 16 |
| Corn Harvested for Silage | 74 | 60 | 58 | 64 | Pastures | 15 | 23 | 35 | 25 | 2 |
| Cotton Bolls Opening | 12 | 5 | 11 | 18 | Soybeans | 4 | 8 | 22 | 51 | 15 |
| Soybeans Dropping Leaves | 18 | 10 | 18 | 9 | Tobacco | 3 | 7 | 24 | 48 | 18 |
| Tobacco Topped | 87 | 80 | 87 | 89 | | | | | | |
| Burley Tobacco Harvested | 37 | 27 | 35 | 38 | | | | | | |
| Air-Cured Tobacco Harvested | 49 | 22 | 41 | 45 | | | | | | |
| Fire-Cured Tobacco Harvested | 44 | 28 | 43 | 42 | | | | | | |

County Agent Comments

“A few acres of early planted corn are beginning to be harvested this week. Yields appear to be good at this time - cannot quote actual yields heard from producers yet - not enough harvesting yet. Have potential for some early group 2 or 3 soybeans to begin being harvested this week or next. Several acres of cotton have been sprayed for worms. Have potential for worms to move out of corn into soybeans as corn continues to dry down.”

Tim Campbell, Dyer County

“Warm days and cool nights more typical of August weather have finally arrived. Producers are finishing up herbicide/fungicide applications to soybeans. Some insecticide applications have been made to late planted grain sorghum. Hay producers are making the most of good drying conditions for forage harvesting. Many cattle producers have also been busy fencing.”

Jeff Lannom, Weakley County

“Recent rains have benefited soybeans and tobacco. If favorable conditions continue, this may be one of the best dark fired tobacco crop in recent years.”

John Bartee, Montgomery County

“Rainfall has helped green up pastures and hayfields, however reports are that fall cutting hay is extremely short due to dry weather. Many areas of the county will have no fall cutting or will have limited cutting. Farmers are still feeding hay to cattle are limited pasture due to poor grass performance and overgrazing has been extensive due to the drought. Pumpkins are looking good on dryland conditions and late-planted soybeans are looking extremely good.”

Jerry Lamb, Rhea County

TEMPERATURES AND PRECIPITATION
 For week ending: August 27,2006 (with comparisons)

| LOCATION | TEMPERATURE | | | | PRECIPITATION | | | | GDD BASE 60F Since April 1 | |
|-----------------|--------------------------------|----|-----|-----|-----------------------------|--------------|-------------------------------|-----------------------------|-------------------------------|------|
| | Week Ending August 27, 2006 | | | | Current Week 08/27/06 | Rain Days | Current Since January 1 | Departure From Normal | | |
| | HI | LO | AVG | DFN | | | | | Total | DFN |
| Ames_Plantation | 98 | 66 | 83 | 6 | 1.41 | 2 | 31.01 | -3.20 | 2150 | 332 |
| Tri-City_RGNL_A | 90 | 60 | 77 | 4 | 0.44 | 1 | 25.77 | -1.69 | 1378 | 141 |
| Brownsville_TN | 98 | 66 | 82 | 4 | 0.00 | 0 | 30.72 | -3.56 | 2216 | 610 |
| Chattanooga/Lov | 95 | 70 | 83 | 5 | 0.62 | 4 | 27.80 | -7.26 | 2118 | 415 |
| Clarksville_Sew | 95 | 65 | 81 | 5 | 0.17 | 2 | 29.11 | -3.86 | 1963 | 346 |
| Cookeville | 90 | 66 | 78 | 4 | 0.00 | 0 | 35.34 | -2.06 | 1576 | 565 |
| Covington | 96 | 66 | 81 | 3 | 0.00 | 0 | 33.00 | -0.45 | 2032 | 175 |
| Crossville_AP | 87 | 66 | 77 | 5 | 1.01 | 1 | 31.35 | -5.59 | 1433 | 283 |
| Dayton | 91 | 64 | 80 | 4 | 0.22 | 2 | 25.22 | -11.57 | 1730 | 202 |
| Dickson_AG | 94 | 65 | 79 | 3 | 0.00 | 0 | 36.16 | 1.01 | 1676 | -16 |
| Dover_1W | 92 | 64 | 79 | 4 | 0.66 | 2 | 31.19 | -2.99 | 1819 | 387 |
| Dyersburg | 97 | 64 | 81 | 3 | 0.57 | 1 | 31.73 | -0.97 | 2210 | 236 |
| Erwin_1W | 89 | 61 | 75 | 4 | 0.00 | 0 | 35.39 | 2.03 | 1346 | -132 |
| Huntingdon_Wate | 95 | 66 | 80 | 4 | 0.07 | 1 | 35.30 | 1.10 | 1967 | 435 |
| Jackson_Exp_Stn | 97 | 66 | 82 | 5 | 0.70 | 1 | 31.87 | -2.14 | 2100 | 333 |
| Kingston_AG | 92 | 66 | 80 | 6 | 0.69 | 3 | 33.60 | -5.14 | 1737 | 409 |
| Knoxville_AP | 91 | 69 | 80 | 5 | 0.63 | 2 | 26.81 | -5.12 | 1898 | 419 |
| Lewisburg | 96 | 61 | 79 | 4 | 0.05 | 1 | 31.39 | -4.74 | 1821 | 323 |
| Lexington_TN | 94 | 65 | 80 | 3 | 0.01 | 1 | 35.97 | 2.73 | 1907 | 821 |
| Linden | 96 | 63 | 80 | 5 | 0.14 | 1 | 32.42 | -4.08 | 1858 | 353 |
| Martin | 95 | 64 | 81 | 5 | 0.28 | 2 | 36.18 | 1.64 | 1957 | 256 |
| Mc_Minnville_Tn | 93 | 67 | 80 | 4 | 1.08 | 5 | 35.76 | 0.57 | 1859 | -22 |
| Memphis_AG | 101 | 69 | 84 | 4 | 0.01 | 1 | 30.52 | -2.97 | 2322 | 125 |
| Milan | 96 | 64 | 81 | 5 | 0.00 | 0 | 34.15 | -1.01 | 1999 | 339 |
| Murfreesboro_5N | 93 | 66 | 80 | 4 | 0.02 | 1 | 37.18 | 2.44 | 1866 | 1 |
| Nashville_Metro | 95 | 70 | 83 | 5 | 0.63 | 2 | 30.65 | -0.62 | 2092 | 322 |
| Newcomb | 90 | 64 | 77 | 5 | 0.74 | 4 | 31.94 | -4.32 | 1430 | 348 |
| Oneida | 89 | 65 | 77 | 5 | 0.74 | 4 | 34.74 | -1.52 | 1447 | -139 |
| Portland_TN | 93 | 66 | 78 | 4 | 1.72 | 3 | 29.45 | -4.57 | 1767 | 306 |
| Pulaski_Water_P | 96 | 64 | 80 | 3 | 0.00 | 0 | 32.48 | -3.39 | 1902 | 130 |
| Savannah_6SW | 98 | 65 | 82 | 4 | 0.14 | 1 | 34.45 | -2.69 | 2105 | 552 |
| Sparta_TN | 92 | 67 | 80 | 5 | 0.22 | 2 | 36.23 | -0.06 | 1782 | 520 |
| Springfield | 93 | 63 | 78 | 4 | 0.15 | 3 | 31.57 | -1.10 | 1663 | 187 |
| Springhill | 97 | 65 | 80 | 4 | 0.00 | 0 | 31.53 | -4.72 | 1886 | 391 |
| Union_City | 95 | 60 | 79 | 3 | 0.14 | 1 | 36.38 | 2.76 | 1853 | 196 |
| Waynesboro_TN | 96 | 61 | 80 | 5 | 0.14 | 2 | 36.09 | -2.01 | 1733 | 20 |

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.
 Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
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